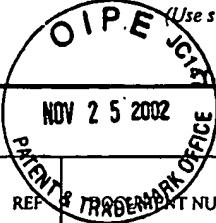



SUPPLEMENTAL INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					Docket Number (Optional) PM 98.086		Application Number 10/042,475	
					Applicants Kenneth E. Dahlberg			
					Filing Date Jan. 9, 2002		Group Art Unit 2123	
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5,838,634	11/17/98	Jones et al.	367	73		
		5,675,147	10/7/97	Ekstrom et al.	250	256		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	
							<input type="checkbox"/> <input type="checkbox"/>	
							<input type="checkbox"/> <input type="checkbox"/>	
							<input type="checkbox"/> <input type="checkbox"/>	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED NOV 27 2002 Technology Center 2100 </div>								
EXAMINER					DATE CONSIDERED			
					8/1/05			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

FORM PTO-A820

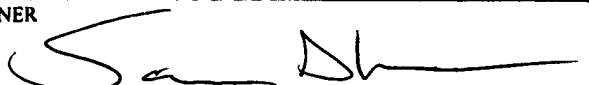
Copyright 1994-97 LegalStar

P09A/REV03

Patent and Trademark Office* U.S. Department of Commerce

(also form PTO-1449)

SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				RECEIVED JUN 14 2002 Technology Center 2100		Docket Number (Optional) PM 98.086		Application Number 10/042,475	
U.S. PATENT DOCUMENTS						Applicants Kenneth E. Dahlberg		Filing Date Jan 09, 2002	
JUN 11 2002						Group Art Unit 2123			
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>									
A	1	Allen, D. F., Barber, T., Flaum, C., Hemingway, J., Anderson, B., des Ligneris, S., Everett, R., and Morriss, C., 1988, "Advances in High-Resolution Logging", The Technical Review, Schlumberger, v. 36, no. 2, pp. 4-14.							
A	2	American Geological Institute, 1984, Dictionary of Geological Terms, 3rd Edition, R. L. Bates and J. A. Jackson, eds., Anchor Books, Doubleday, New York, p. 571.							
A	3	Anderson, B., Safinya, K. A., and Habashay, T., 1988, "Effect of Dipping Beds on the Response of Induction Tools", SPE Formation Evaluation, March 1988, pp. 29-36.							
A	4	Arehart, R. A., and Sullivan, K. B., 1996, "Automated Net-to-Gross Cutoffs from Digital Core Images" Formation Evaluation and Reservoir Quality Newsletter (Winter, 1996) pp. 151-153.							
A	5	Beck, G. F., 1995, "Foreward Modeling of Deep Resistivity Response in Nophlet Wells", Proceeding of SPWLA 36th Annual Symposium, Paper HHH, June 26-29, 1995, pp. 1-12.							
A	6	Brackett, R. A., 1996, "Direct Digital Core Imaging: An Evaluation of Available Products", Formation Evaluation and Reservoir Quality Newsletter (Summer, 1996) vol. 27, pp. 3-4.							
A	7	Brackett, R. A., 1996, "Flip/Frac View: Error in Dip Determination from Borehole Images", Formation Evaluation and Reservoir Quality Newsletter (Summer, 1996) vol. 27, pp. 15-17.							
A	8	Brackett, R. A., 1997, "ImageLog for Sand Volume Determination: An Evaluation", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1997), vol. 28, pp. 31-34.							
A	9	Brackett, R. A., 1997, "A Checklist for Obtaining Useful Digital Core Images on Photo CDs", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1997), vol. 28, pp. 35-36.							
A	10	Brackett, R. A., Friedmann, S. J., and Haro, J. E., 1996, "Comparison of Core Images from Kodak DCS 460C Digital Camera and Traditional Photography", Formation Evaluation and Reservoir Quality Newsletter (Summer, 1996), vol. 27, pp. 7-14.							
A	11	Brackett, R. A., Lukas, T. C., and Arehart, R. A., 1997, "Automated Texture-Based Classification of Image Data Using QBIC (Query by Image Content)", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1997), vol. 28, pp. 37-45.							
A	12	Brackett, R. A., and Sullivan, K. B., 1996, "Digital Core Data Quality and Calibration: Implications in Thinly Bedded Reservoirs", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1996) pp. 129-136.							
A	13	Campbell, C. V., 1967, "Lamina, Laminaset, Bed and Bedset", Sedimentology, v. 8, pp. 7-26.							
A	14	Chemali, R., Gianzero, S., and Su, S. M., 1987, "The Effect of Shale Anistropy on Focused Resistivity Devises", SWLA 28th Annual Logging Symposium, London, Paper H, pp. 1-23.							
EXAMINER				DATE CONSIDERED					
				8/1/05					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									


FORM PTO-A820
(also form PTO-1449)

Copyright 1994-97 LegalStar

PO9A/REV03

Patent and Trademark Office* U.S. Department of Commerce

SHEET 1 OF 4

INFORMATION DISCLOSURE CITATION <small>(Use cover sheet if necessary)</small>				RECEIVED JUN 14 2002 Technology Center 210		Docket Number (Optional) PM 98.086		Application Number 10/042,475	
				Applicants Kenneth E. Dahlberg					
				Filing Date Jan 09, 2002				Group Art Unit 2123	
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>									
SP	15	Chew, W., Barone, S., Anderson, B., and Hennessy, C., 1984, "Diffraction of Axisymmetric Waves in a Borehole by Bed Boundary Discontinuities", Geophysics, v. 9, no.10, pp.1586-1595.							
SP	16	Hornby, B. E., Schwartz, L. M. and Hudson, J. A., 1993, "Effective Medium Modeling of the Electrical and Elastic Properties of Anisotropic Porous Media", SEG 63 rd Annual Meeting, Washington, D.C., Sept. 26-30, 1993, pp. 786-791.							
SP	17	Dunsmuir, J., Shafer, J., and Thomman, H., 1997, "3-D Imaging of Pore Fluids Distributions in Chad Rock Using High Resolution X-Ray CT", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1997), vol. 28, pp. 111-115.							
SP	18	Eubanks, D. L., and Moustafa, O., 1997, "Characterization of Low-Contrast/Low-Resistivity Reservoirs with Modern Imaging Tools: Example from the Gulf of Mexico", AAPG Annual Convention, April 6-9, 1997, Dallas, TX, vol. 81, p. 1.							
SP	19	Frodensen, E. W., and Lawrence, T., 1997, "Low-Resistivity, Low-Contrast Pay: Some Examples from Offshore North West Java", Ardjuna Basin, Indonesia, AAPG Annual Convention, April 6-9, 1997, Dallas, TX, vol. 81, p. 1.							
SP	20	Galford, J. E., Flaum, C., Gilchrist, W. A., and Duckett, S. W., 1986, "Enhanced Resolution Processing of Compensated Neutron Logs", 61 st Ann. Tech. Conference of SPE, paper 15541.							
SP	21	Galway, R., 1997, "Netting and the Integration of Log, Core, and Test Data", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1997), vol. 28, pp. 47-49.							
SP	22	Herrick, D. C., and Kennedy, W. D., 1996, "Electrical Properties of Rocks: Effects of Secondary Porosity, Laminations, and Thin Beds", SPWLA 37 th Annual Symposium, Paper C, pp. 1-11.							
SP	23	Katahara, K. W., 1995, "Gamma Ray Log Response in Shaly Sands", The Log Analyst, v. 36, no. 4, pp. 50-55.							
SP	24	Looyestijn, W. J., 1982, "Deconvolution of Petrophysical Logs: Applications and Limitations", SPWLA, 23 rd Annual Logging Symposium, July 6-9, 1982, Paper W, pp. 1-20.							
SP	25	Lukas, T. C., 1997, SPE Forum "Applications of Borehole Imaging Technologies", July 7-12, 1996, Formation Evaluation and Reservoir Quality Newsletter, vol. 28, pp.147-152.							
SP	26	Mavco, G., Mukerji, T., and Dvorkin, J., 1998, "The Rock Physics Handbook, Tools for Seismic Analysis in Porous Media", Cambridge University Press.							
SP	27	McCoy, D. D. and Grieves, W. A., 1997, "Use of Resistivity Logs To Calculate Water Saturation at Prudhoe Bay", SPE Reservoir Engineering, February, pp. 45-51.							
EXAMINER				DATE CONSIDERED					
				8/1/05					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

FORM PTO-A820


(also form PTO-1449)

Copyright 1994-97 LegalStar

P09A/REV03

Patent and Trademark Office* U.S. Department of Commerce

SHEET 2 OF 4

INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				Docket Number (Optional) PM 98.086		Application Number 10/042,475	
				Applicants Kenneth E. Dahlberg			
				Filing Date Jan 09, 2002		Group Art Unit 2123	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	39	5,461,562	10/24/95	Tabanou et al.	364	422	
OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>							
✓	28	Moran, J. H., and Gianzero, S., 1979, "Effects of Formation Anisotropy of Resistivity Logging Measurements", Geophysics, v. 44, no. 7, pp. 1266-1286.					
✓	29	Mullarkey, J. C., and Dolly, E. D., 1997, "Causes of Low Contrast, Low Resistivity in Hydrocarbon Productive Reservoirs of the Rocky Mountain and Mid-Continent Regions", AAPG Annual Convention, April 6-9, 1997 Dallas, TX, 1 p.					
✓	30	Murtha, J. A., 1997, "Monte Carlo Simulation: Its Status and Future", Journal of Petroleum Technology, April, pp. 361-373.					
✓	31	Pepper, C. F., and Reedy, G. K., 1996, "Analysis of Laminated Turbidities Using the Bimodal Sand Quality Model (Model Application)", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1996) pp. 87-91.					
✓	32	Poupon, A., Loy, M. E., and Tixier, M. P., 1954, "A Contribution to Electrical Log Interpretation in Shaly Sands", Journal of Petroleum Technology, June 1954, v. 6, no. 6, pp. 27-34.					
✓	33	Reedy, G. K., and Pepper, C. F., 1996, "Analysis of Laminated Turbidities Using the Bimodal Sand Quality Model (Model Development)", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1996) pp. 79-85.					
✓	34	Serra, O., and Andreani, M., 1991, "Thin Beds- A Guide to Interpretation of Thinly Layered Reservoirs", Schlumberger, 82 p.					
✓	35	Sneider, R. M., and Kulha, J. T., 1997, "Low Resistivity, Low Contrast Pays", 1997 AAPG Annual Convention, vol. 81, April 6-9, 1997, Dallas, TX, 1 p.					
✓	36	Sullivan, K. B., and Brackett, R. A., 1996, "Repeatability in Net-to-Gross from Core Images: The Human Factor", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1996) pp. 137-149.					
✓	37	Sullivan, K. B., Brackett, R. A., and Albertin, S. J., 1996, "Net-to-Gross from FMI: A High-Resolution Comparison to Core", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1996) pp. 155-169.					
✓	38	Sullivan, K. B., and Yin, H., 1997, "SHARP™ and "Not-So-SHARP": Two Examples of 1D Resistivity Models", Formation Evaluation and Reservoir Quality Newsletter (Winter, 1997) vol. 28, pp. 99-103.					
EXAMINER 				DATE CONSIDERED 8/1/05			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-A820

(also form PTO-1449)

Copyright 1994-97 LegalStar

PO9A/REV03

Patent and Trademark Office* U.S. Department of Commerce

SHEET 3 OF 4

RECEIVED

JUN 14 2002

OTPE

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

PM 98.086

Application Number

10/042,475

Applicants

Kenneth E. Dahlberg

Filing Date

Jan 09, 2002

Group Art Unit

2123

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	48	4,739,255	4/19/88	Hagiwara, T.	324	152	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SA	40	Tsang, L., Chan, A. K., and Gianzero, S., 1984, "Solution of the Fundamental Problem in Resistivity Logging With a Hybrid Method" Geophysics, v. 49, no. 10, pp. 1596-1604.					
SA	41	Van Wagoner, J., Mitchum, R., Campion, K., and Rahmanian, V., 1990, "Siliciclastic Sequence Stratigraphy in Well Logs, Cores, and Outcrops: Concepts for High-Resolution Correlation of Time and Facies", AAPG Methods in Exploration Series, No. 7., 55 pgs.					
SA	42	Wahl, J. S., 1983, "Gamma-Ray Logging", Geophysics, v. 48, no. 11, pp. 1536-1550.					
SA	44	Yin, H., 1996, "The Use of Resistivity Micro-Probe and its High-Resolution Profile for Forward Modeling", Formation Evaluation and Reservoir Quality Newsletter (Winter 1996) pp. 103-109.					
SA	45	Yin, H., 1996, "In-House" Resistivity Modeling—Where Are We Now?", Formation Evaluation and Reservoir Quality Newsletter (Winter 1996) pp. 111-121.					
SA	46	Yin, H., 1997, "Resolving Differences Between LWD and Wireline Resistivity Data by DLL 2-D Modeling", Formation Evaluation and Reservoir Quality Newsletter (Winter 1997) vol. 28, pp. 87-91.					
SA	47	Yin, H., and Sullivan, K. B., 1997, "Dual Laterolog (DLL) 2-D Modeling", Formation Evaluation and Reservoir Quality Newsletter (Winter 1997) vol. 28, pp. 93-97					
SA	49	Van den Berg, F. et al, "Sandwich: Log Evaluation in Laminated Shaly Sands", SPWLA 37 th Annual Logging Symposium, June 16-19, 1996, Paper BB, 12 pgs.					
SA	50	Tarantola, A., 1987, "Inverse Problem Theory: Methods for Data Fitting & Model Parameter Estimation", pp. 167-185.					
SA	51	Mendelson, K. S. and Cohen, M. H., 1982, "The Effect of Grain Anisotropy on the Electrical Properties of Sedimentary Rocks", Geophysics, vol. 47, no. 2, Feb. 1982, pp. 257-263.					

EXAMINER

SA DL

DATE CONSIDERED

8/1/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-A820

(also form PTO-1449)

Copyright 1994-97 LegalStar

PO9A/REV03

Patent and Trademark Office* U.S. Department of Commerce

SHEET 4 OF 4